

ReproUnion's Scientific Footprint

ReproUnion has developed into one of the most influential cross-border collaborations within reproductive health.

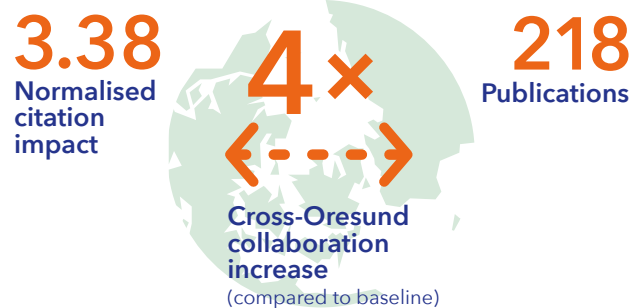
A bibliometric analysis conducted by the Danish Technological Institute documents the scale, quality, and reach of the scientific output generated in the context of ReproUnion from 2014 to 2025.

The analysis provides a data-driven overview of the scientific footprint and research impact based on publications. While scientific publications represent only one dimension of ReproUnion's broader mission, the findings demonstrate a strong and enduring research foundation that continues to support clinical translation, innovation, and cross-border collaboration.

An output of 218 publications underlines both the scale and visibility of ReproUnion-related research. Publications peaked between 2018 and 2021 (127), reflecting

a strong research momentum generated during earlier project phases. In recent years, the output has been lower, because ReproUnion's strategic focus has increasingly shifted towards clinical implementation, innovation, and societal impact.

ReproUnion in numbers 2014-2025



Cross-border collaboration as a defining strength

Collaboration across the Oresund region is one of ReproUnion's most distinctive trademarks. Denmark and Sweden form the backbone of the network, while also connecting to partners in the United Kingdom, Finland, Norway, and beyond.

Overall, half of the 218 publications involve cross-border collaboration, with the share peaking at 58% during 2020-2022. 24% of all ReproUnion-related publications are co-authored by researchers from Danish and Swedish institutions, compared to an average rate of collaboration of approximately 5% within reproductive medicine as well as within the broader health and technical sciences. This sustained level of cross-border co-authorship highlights ReproUnion's ability to integrate research environments across national health systems, academic cultures, and clinical settings.

The Oresund collaboration axis provides a stable platform for shared infrastructure, joint research agendas, and coordinated scientific development - a strong foundation for continued innovation in reproductive health.

Publications involving cross-border collaboration 2014-2025



An ecosystem that has grown in scale, maturity and thematic breath

ReproUnion-related publications have consistently delivered strong citation performance. On average publications are cited three times more often than comparable work published within the same topic and year.

Citation impact remains strong, across five main thematic clusters, identified through a data-driven analysis of ReproUnion's scientific output. This reflects not only the scientific contribution of ReproUnion but also the breadth; research has contributed to advancing clinical practice, informing treatment strategies, and shaping broader scientific understanding of reproductive health.

Highly cited publications span the listed topics and appear in leading specialist journals, alongside high-impact interdisciplinary outlets, supporting both depth within reproductive medicine and visibility beyond the core field.

Cluster	Publications	Normalised citations
Epidemiology and pregnancy outcomes	15	2.38
Ovarian biology and cryopreservation research	38	3.87
Clinical ART strategies and treatment protocols	45	4.93
Biomarker and omics-driven research	45	2.14
Male fertility and societal factors	50	2.49

Source: DTI and openalex.com. The analysis includes 193 publications from the total corpus of 218 publications. The remaining publications were identified after the analysis had been completed.

A strong foundation for future innovation

The bibliometric analysis underlines how ReproUnion has built a robust, internationally visible, and highly collaborative platform the past 15 years, including the ReproUnion Biobank & Infertility Cohort - RUBIC.

The combination of strong cross-border integration, high citation score, and thematic breadth provides a solid foundation for the next phase of development - where research excellence supports innovation, clinical translation, and societal benefit.

The scientific footprint demonstrates how long-term, coordinated collaboration can generate lasting value - both within reproductive medicine and beyond.

Interpreting findings with care

While this analysis focuses on scientific output, ReproUnion's impact extends far beyond publications, with strong and growing contributions in reproductive health innovation and education, clinical implementation and policy engagement.

The analyzed data reflects past activity with publications stemming mostly from research related to ReproUnion 1.0 and 2.0.

ReproUnion 3.0 will continue to generate scientific output, with several publications in the pipeline and new knowledge emerging, including from RUBIC.



ReproUnion Publication List

Scan the QR code to view the ReproUnion Publication List used for the bibliometric analysis.

Interested in the full report?

Please contact us at info@reprounion.eu if you are interested in the full report about ReproUnion's Scientific Footprint.